ELSEVIER

Toxicology 144 (2000) 237

TOXICOLOGY

www.elsevier.com/locate/toxicol

Author index of volume 144

Aigner, A. **144**, 221
Andersen, H.R. **144**, 121
Aschhoff, S. **144**, 99

Bartsch, H. **144**, 149
Beyer, K.H., Jr. **144**, 5
Blum, A. **144**, 113
Bock-Hennig, B.S. **144**, 51
Bock, K.W. **144**, 51
Bourian, M. **144**, 129
Burke, M.D. **144**, 31

Czubayko, F. **144**, 221

Doostdar, H. **144**, 31
Doull, J. **144**, 169

Eisenbrand, G. **144**, 39
El-Bassiouni, E.A. **144**, 57
Ellis, M.K. **144**, 179
Engl, J. **144**, 83
Eriksson, L.C. **144**, 51
Esdaile, D.J. **144**, 13

Fayed, H. **144**, 57
Filling, C. **144**, 163
Foth, H. **144**, 229
Friesenegger, S. **144**, 83

Galanakis, D. **144**, 205
Gaskin, P. **144**, 179
Gebel, T. **144**, 155
Gibson, G.G. **144**, 13
Glöckner, R. **144**, 93
Grandjean, P. **144**, 121
Gschaidmeier, H. **144**, 51

Gullstén, H. **144**, 129
Helmy, M.H. **144**, 57
Hemm, I. **144**, 39
Hirsch-Ernst, K.I. **144**, 229
Hsieh, S.S. **144**, 221

Iffert, T. **144**, 189
Ismail, S.S. **144**, 57

Jansson, I. **144**, 211
Jorritsma, U. **144**, 229

Kahl, G.F. **144**, 229
Kapitulnik, J. **144**, 229
Klaunick, G. **144**, 229
Kourounakis, A.P. **144**, 205
Kourounakis, P.N. **144**, 205

Legrum, W. **144**, 129
Lewis, D.F.V. **144**, 197
Lock, E.A. **144**, 179
Lovich, P. **144**, 99

Maier, H. **144**, 149
Malerczyk, C. **144**, 221
Mårtensson, E. **144**, 163
Martin, H.-J. **144**, 113
Maser, E. **144**, 63, 71, 113, 189
Mayer, R.T. **144**, 31
McLean Provan, W. **144**, 179
Möbus, E. **144**, 63
Moeller, A. **144**, 189
Müller, D. **144**, 93

Nagel, G. **144**, 63
Nielsen, J.B. **144**, 121

Oppermann, U.C.T. **144**, 63, 71, 163
Pasanen, M. **144**, 139
Pelkonen, O. **144**, 139
Pissowotzki, K. **144**, 93

Raunio, H. **144**, 139
Rautio, A. **144**, 139
Reidenberg, M.M. **144**, 107
Remien, J. **144**, 99
Richter, E. **144**, 83, 99
Robinson, M. **144**, 179
Rockett, J.C. **144**, 13
Rozman, K.K. **144**, 169
Rupprecht, T. **144**, 149

Salim, S. **144**, 163
Sarfarazi, M. **144**, 211
Schenkman, J.B. **144**, 211
Schmezer, P. **144**, 149
Schmitz, O. **144**, 99
Schrader, E. **144**, 229
Schroff, K.-C. **144**, 99
Smith, L.L. **144**, 179
Soldan, M. **144**, 189
Steinmetzer, P. **144**, 93
Stoilov, I. **144**, 211
Swales, K.E. **144**, 13

Tang, W. **144**, 39
Tisch, M. **144**, 149
Tricker, A.R. **144**, 83
Tsiakitzis, K. **144**, 205

Vesell, E.S. **144**, 5

PII: S0300-483X(00)00178-5

ELSEVIER

Toxicology 144 (2000) 239–242

TOXICOLOGY

www.elsevier.com/locate/toxicol

Subject index of volume 144

Alcohol dehydrogenase: Xenobiotic carbonyl metabolism; Aldehyde dehydrogenase; Carbonyl reduction; Quinone reductase; Hydroxysteroid dehydrogenase; Aldo-keto reductases; Short-chain dehydrogenases/reductases **144**, 71

Aldehyde dehydrogenase: Xenobiotic carbonyl metabolism; Alcohol dehydrogenase; Carbonyl reduction; Quinone reductase; Hydroxysteroid dehydrogenase; Aldo-keto reductases; Short-chain dehydrogenases/reductases **144**, 71

Aldo-keto reductases: Xenobiotic carbonyl metabolism; Alcohol dehydrogenase; Aldehyde dehydrogenase; Carbonyl reduction; Quinone reductase; Hydroxysteroid dehydrogenase; Short-chain dehydrogenases/reductases **144**, 71

Alzheimer's disease: ERAB; Short-chain dehydrogenases/reductases (SDR); Amyloid-β peptide; Apoptosis **144**, 163

δ-Aminolevulinic acid: CYP1B1; Heme precursor; P450 heterologous expression **144**, 211

Amyloid-β peptide: ERAB; Short-chain dehydrogenases/reductases (SDR); Alzheimer's disease; Apoptosis **144**, 163

Antidiabetic: Pyrazinoylguanidine; Antihypertensive; Lipolytic **144**, 5

Antihypertensive: Pyrazinoylguanidine; Antidiabetic; Lipolytic **144**, 5

Antioxidant defense: Selenium; Cell culture; Glutathione peroxidase; Glutathione reductase; Catalase **144**, 57

Apoptosis: ERAB; Short-chain dehydrogenases/reductases (SDR); Amyloid-β peptide; Alzheimer's disease **144**, 163

Arsenic: Susceptibility; Human biomonitoring **144**, 155

5,6-benzoflavone: Caffeine metabolism; Cytochrome P-450 induction; Indole-3-carbinol; Hyperbilirubinemia; Gunn rats **144**, 229

Caffeine metabolism: Cytochrome P-450 induction; Indole-3-carbinol; 5,6-benzoflavone; Hyperbilirubinemia; Gunn rats **144**, 229

Carbonyl reductase: 11β-hydroxysteroid dehydrogenase; Short-chain dehydrogenases/reductases (SDR); Dye affinity chromatography **144**, 63

Carbonyl reduction: Chemotherapy; Drug resistance; Liposomes; Daunorubicin **144**, 189

Carbonyl reduction: 11β-Hydroxysteroid dehydrogenase (11β-HSD); Metyrapone; NNK; Recombinant expression; *Pichia pastoris*; Detoxification **144**, 113

Carbonyl reduction: Xenobiotic carbonyl metabolism; Alcohol dehydrogenase; Aldehyde dehydrogenase; Quinone reductase; Hydroxysteroid dehydrogenase; Aldo-keto reductases; Short-chain dehydrogenases/reductases **144**, 71

Catalase: Selenium; Cell culture; Antioxidant defense; Glutathione peroxidase; Glutathione reductase **144**, 57

Cell–cell interaction: Nodular hepatocyte cultures; Primary hepatocyte cultures; DNA synthesis; TCDD **144**, 51

Cell culture: Selenium; Antioxidant defense; Glutathione peroxidase; Glutathione reductase; Catalase **144**, 57

Chemotherapy: Drug resistance; Liposomes; Daunorubicin; Carbonyl reduction **144**, 189

Cotinine: Sympathetic ganglion; Mouse; Nicotinic receptors **144**, 99

CYP2A6: Pharmacogenetics; Genetic polymorphism; Poor/extensive metabolizer; Ethnic differences **144**, 129

CYP1B1: δ-Aminolevulinic acid; Heme precursor; P450 heterologous expression **144**, 211

CYP2B1-mRNA: Liver slices; Phenobarbital; Induction **144**, 93

PII: S0300-483X(00)00179-7

Cysteamine; Oxidative stress; Inflammation; Ulcerogenicity; NSAID **144**, 205

Cytochrome P450; Human; Flavonoids; Inhibitors; Substrates **144**, 31

Cytochrome P-450 induction; Caffeine metabolism; Indole-3-carbinol; 5,6-benzoflavone; Hyperbilirubinemia; Gunn rats **144**, 229

Cytochromes P450; Drug metabolism; Lipophilicity; QSARs **144**, 197

Daunorubicin; Chemotherapy; Drug resistance; Liposomes; Carbonyl reduction **144**, 189

Detoxification; 11β-Hydroxysteroid dehydrogenase (11β-HSD); Carbonyl reduction; Metyrapone; NNK; Recombinant expression; *Pichia pastoris* **144**, 113

Developmental; Neurotoxicity; Environmental chemicals; Transplacental passage **144**, 121

Differential gene display; Wy-14,643; Peroxisome proliferator; Non-genotoxic hepatocarcinogenesis; Suppression PCR subtractive hybridisation; RT-PCR; Rat; Guinea pig; Gene regulation; Gene profiling **144**, 13

DNA damage; Microgel electrophoresis; Head and neck cancer **144**, 149

DNA synthesis; Nodular hepatocyte cultures; Primary hepatocyte cultures; TCDD; Cell–cell interaction **144**, 51

Dose; Time; Variables; Toxicity **144**, 169

Drug metabolism; Cytochromes P450; Lipophilicity; QSARs **144**, 197

Drug resistance; Chemotherapy; Liposomes; Daunorubicin; Carbonyl reduction **144**, 189

Dye affinity chromatography; 11β-hydroxysteroid dehydrogenase; Carbonyl reductase; Short-chain dehydrogenases/reductases (SDR) **144**, 63

Environmental chemicals; Developmental; Neurotoxicity; Transplacental passage **144**, 121

ERAB; Short-chain dehydrogenases/reductases (SDR); Amyloid-β peptide; Alzheimer's disease; Apoptosis **144**, 163

Ethnic differences; Pharmacogenetics; CYP2A6; Genetic polymorphism; Poor/extensive metabolizer **144**, 129

Ethylbenzene; Styrene; Human exposure **144**, 39

Flavonoids; Human; Cytochrome P450; Inhibitors; Substrates **144**, 31

Furosemide; Gossypol; Potassium; 11β-Hydroxysteroid dehydrogenase; Naringenin **144**, 107

Gene profiling; Wy-14,643; Peroxisome proliferator; Non-genotoxic hepatocarcinogenesis; Suppression PCR subtractive hybridisation; RT-PCR; Rat; Guinea pig; Gene regulation; Differential gene display **144**, 13

Gene regulation; Wy-14,643; Peroxisome proliferator; Non-genotoxic hepatocarcinogenesis; Suppression PCR subtractive hybridisation; RT-PCR; Rat; Guinea pig; Differential gene display; Gene profiling **144**, 13

Genetic polymorphism; Pharmacogenetics; CYP2A6; Poor/extensive metabolizer; Ethnic differences **144**, 129

Glutathione peroxidase; Selenium; Cell culture; Antioxidant defense; Glutathione reductase; Catalase **144**, 57

Glutathione reductase; Selenium; Cell culture; Antioxidant defense; Glutathione peroxidase; Catalase **144**, 57

Gossypol; Potassium; 11β-Hydroxysteroid dehydrogenase; Furosemide; Naringenin **144**, 107

Guinea pig; Wy-14,643; Peroxisome proliferator; Non-genotoxic hepatocarcinogenesis; Suppression PCR subtractive hybridisation; RT-PCR; Rat; Gene regulation; Differential gene display; Gene profiling **144**, 13

Gunn rats; Caffeine metabolism; Cytochrome P-450 induction; Indole-3-carbinol; 5,6-benzoflavone; Hyperbilirubinemia **144**, 229

Hamster; Tissue slices; Metabolism; Tobacco-specific nitrosamines **144**, 83

Head and neck cancer; Microgel electrophoresis; DNA damage **144**, 149

Heme precursor; CYP1B1; δ-Aminolevulinic acid; P450 heterologous expression **144**, 211

Human biomonitoring; Arsenic; Susceptibility **144**, 155

Human; Cytochrome P450; Flavonoids; Inhibitors; Substrates **144**, 31

Human exposure; Styrene; Ethylbenzene **144**, 39

4-Hydroxyphenylpyruvate dioxygenase; 2-(2-nitro-4-trifluoromethylbenzoyl)-cyclohexane-1,3-dione (NTBC); Tyrosinaemia; Tyrosine aminotransferase (TAT) **144**, 179

11β-hydroxysteroid dehydrogenase; Carbonyl reductase; Short-chain dehydrogenases/reductases (SDR); Dye affinity chromatography **144**, 63

11β-Hydroxysteroid dehydrogenase; Gossypol; Potassium; Furosemide; Naringenin **144**, 107

11β-Hydroxysteroid dehydrogenase (11β-HSD); Carbonyl reduction; Metyrapone; NNK; Recombinant expression; *Pichia pastoris*; Detoxification **144**, 113

Hydroxysteroid dehydrogenase; Xenobiotic carbonyl metabolism; Alcohol dehydrogenase; Aldehyde dehydrogenase; Carbonyl reduction; Quinone reductase; Aldo-keto reductases; Short-chain dehydrogenases/reductases **144**, 71

Hyperbilirubinemia; Caffeine metabolism; Cytochrome P-450 induction; Indole-3-carbinol; 5,6-benzoflavone; Gunn rats **144**, 229

Indole-3-carbinol; Caffeine metabolism; Cytochrome P-450 induction; 5,6-benzoflavone; Hyperbilirubinemia; Gunn rats **144**, 229

Induction; Liver slices; Phenobarbital; CYP2B1-mRNA **144**, 93

Inflammation; Oxidative stress; Ulcerogenicity; NSAID; Cysteamine **144**, 205

Inhibitors; Human; Cytochrome P450; Flavonoids, Substrates **144**, 31

Lipolytic; Pyrazinoylguanidine; Antidiabetic; Antihypertensive **144**, 5

Lipophilicity; Cytochromes P450; Drug metabolism; QSARs **144**, 197

Liposomes; Chemotherapy; Drug resistance; Daunorubicin; Carbonyl reduction **144**, 189

Liver slices; Phenobarbital; Induction; CYP2B1-mRNA **144**, 93

Metabolism; Hamster; Tissue slices; Tobacco-specific nitrosamines **144**, 83

Metyrapone; 11β-Hydroxysteroid dehydrogenase (11β-HSD); Carbonyl reduction; NNK; Recombinant expression; *Pichia pastoris*; Detoxification **144**, 113

Microgel electrophoresis; Head and neck cancer; DNA damage **144**, 149

Mouse; Sympathetic ganglion; Cotinine; Nicotinic receptors **144**, 99

Naringenin; Gossypol; Potassium; 11β-Hydroxysteroid dehydrogenase; Furosemide **144**, 107

Neurotoxicity; Developmental; Environmental chemicals; Transplacental passage **144**, 121

Nicotinic receptors; Sympathetic ganglion; Mouse; Cotinine **144**, 99

2-(2-nitro-4-trifluoromethylbenzoyl)-cyclohexane-1,3-dione (NTBC); Tyrosinaemia; 4-Hydroxyphenylpyruvate dioxygenase; Tyrosine aminotransferase (TAT) **144**, 179

NNK; 11β-Hydroxysteroid dehydrogenase (11β-HSD); Carbonyl reduction; Metyrapone; Recombinant expression; *Pichia pastoris*; Detoxification **144**, 113

Nodular hepatocyte cultures; Primary hepatocyte cultures; DNA synthesis; TCDD; Cell–cell interaction **144**, 51

Non-genotoxic hepatocarcinogenesis; Wy-14,643; Peroxisome proliferator; Suppression PCR subtractive hybridisation; RT-PCR; Rat; Guinea pig; Gene regulation; Differential gene display; Gene profiling **144**, 13

NSAID; Oxidative stress; Inflammation; Ulcerogenicity; Cysteamine **144**, 205

Oncogene; Ovarian cancer; Taxol **144**, 221

Ovarian cancer; Oncogene; Taxol **144**, 221

Oxidative stress; Inflammation; Ulcerogenicity; NSAID; Cysteamine **144**, 205

Peroxisome proliferator; Wy-14,643; Non-genotoxic hepatocarcinogenesis; Suppression PCR subtractive hybridisation; RT-PCR; Rat; Guinea pig; Gene regulation; Differential gene display; Gene profiling **144**, 13

Pharmacogenetics; CYP2A6; Genetic polymorphism; Poor extensive metabolizer; Ethnic differences **144**, 129

Phenobarbital; Liver slices; Induction; CYP2B1-mRNA **144**, 93

P450 heterologous expression; CYP1B1; δ-Aminolevulinic acid; Heme precursor **144**, 211

Pichia pastoris; 11β-Hydroxysteroid dehydrogenase (11β-HSD); Carbonyl reduction; Metyrapone; NNK; Recombinant expression; Detoxification **144**, 113

Poor/extensive metabolizer; Pharmacogenetics; CYP2A6; Genetic polymorphism; Ethnic differences **144**, 129

Potassium; Gossypol; 11β-Hydroxysteroid dehydrogenase; Furosemide; Naringenin **144**, 107

Primary hepatocyte cultures; Nodular hepatocyte cultures; DNA synthesis; TCDD; Cell–cell interaction **144**, 51

Pyrazinoylguanidine; Antidiabetic; Antihypertensive; Lipolytic **144**, 5

QSARs; Cytochromes P450; Drug metabolism; Lipophilicity **144**, 197

Quinone reductase; Xenobiotic carbonyl metabolism; Alcohol dehydrogenase; Aldehyde dehydrogenase; Carbonyl reduction; Hydroxysteroid dehydrogenase; Aldo-keto reductases; Short-chain dehydrogenases/reductases **144**, 71

Rat; Wy-14,643; Peroxisome proliferator; Non-genotoxic hepatocarcinogenesis; Suppression PCR subtractive hybridisation; RT-PCR; Guinea pig; Gene regulation; Differential gene display; Gene profiling **144**, 13

Recombinant expression; 11β-Hydroxysteroid dehydrogenase (11β-HSD); Carbonyl reduction; Metyrapone; NNK; *Pichia pastoris*; Detoxification **144**, 113

RT-PCR; Wy-14,643; Peroxisome proliferator; Non-genotoxic hepatocarcinogenesis; Suppression PCR subtractive hybridisation; Rat; Guinea pig; Gene regulation; Differential gene display; Gene profiling **144**, 13

Selenium; Cell culture; Antioxidant defense; Glutathione peroxidase; Glutathione reductase; Catalase **144**, 57

Short-chain dehydrogenases/reductases (SDR); ERAB; Amyloid-β peptide; Alzheimer's disease; Apoptosis **144**, 163

Short-chain dehydrogenases/reductases (SDR); 11β-hydroxysteroid dehydrogenase; Carbonyl reductase; Dye affinity chromatography **144**, 63

Short-chain dehydrogenases/reductases; Xenobiotic carbonyl metabolism; Alcohol dehydrogenase; Aldehyde dehydrogenase; Carbonyl reduction; Quinone reductase; Hydroxysteroid dehydrogenase; Aldo-keto reductases **144**, 71

Styrene; Ethylbenzene; Human exposure **144**, 39

Substrates; Human; Cytochrome P450; Flavonoids; Inhibitors **144**, 31

Suppression PCR subtractive hybridisation; Wy-14,643; Peroxisome proliferator; Non-genotoxic hepatocarcinogenesis; RT-PCR; Rat; Guinea pig; Gene regulation; Differential gene display; Gene profiling **144**, 13

Susceptibility; Arsenic; Human biomonitoring **144**, 155

Sympathetic ganglion; Mouse; Cotinine; Nicotinic receptors **144**, 99

Taxol; Ovarian cancer; Oncogene **144**, 221

TCDD; Nodular hepatocyte cultures; Primary hepatocyte cultures; DNA synthesis; Cell–cell interaction **144**, 51

Time; Dose; Variables; Toxicity **144**, 169

Tissue slices; Hamster; Metabolism; Tobacco-specific nitrosamines **144**, 83

Tobacco-specific nitrosamines; Hamster; Tissue slices; Metabolism **144**, 83

Toxicity; Dose; Time; Variables **144**, 169

Transplacental passage; Developmental; Neurotoxicity; Environmental chemicals **144**, 121

Tyrosinaemia; 2-(2-nitro-4-trifluoromethylbenzoyl)-cyclohexane-1,3-dione (NTBC); 4-Hydroxyphenylpyruvate dioxygenase; Tyrosine aminotransferase (TAT) **144**, 179

Tyrosine aminotransferase (TAT); 2-(2-nitro-4-trifluoromethylbenzoyl)-cyclohexane-1,3-dione (NTBC); Tyrosinaemia; 4-Hydroxyphenylpyruvate dioxygenase **144**, 179

Ulcerogenicity; Oxidative stress; Inflammation; NSAID; Cysteamine **144**, 205

Variables; Dose; Time; Toxicity **144**, 169

Wy-14,643; Peroxisome proliferator; Non-genotoxic hepatocarcinogenesis; Suppression PCR subtractive hybridisation; RT-PCR; Rat; Guinea pig; Gene regulation; Differential gene display; Gene profiling **144**, 13

Xenobiotic carbonyl metabolism; Alcohol dehydrogenase; Aldehyde dehydrogenase; Carbonyl reduction; Quinone reductase; Hydroxysteroid dehydrogenase; Aldo-keto reductases; Short-chain dehydrogenases/reductases **144**, 71